

Shaughnessy No.: 108801
Date Out of EFGWB: SEP 15 1989

TO: F.D. Rubis
Product Manager
Registration Division (H7508C)

FROM:

Paul Mastradone, Section Chief *PM*
Environmental Chemistry Review Section #1
Environmental Fate and Groundwater Branch

THRU:

Henry Jacoby, Acting Chief *HJ*
Environmental Fate and Groundwater Branch
Environmental Fate and Effects Division (H7507C)

Attached please find the EFGWB review of:

Reg./File # : 100-587

Chemical Name: Metolachlor

Product Type : Herbicide

Product Name : Dual

Company Name : CIBA-GEIGY

Purpose : Request for extension until 1 December 1989 for
submission of field dissipation studies

Date Received: 6 April 1989 Action Code: 400

Date Completed: 15 September 1989 EFGWB No. 90490

Total Reviewing Time (decimal days): 1.0

Deferrals to: Ecological Effects Branch, EFED
Science Integration & Policy Staff, EFED
Non-Dietary Exposure Branch, HED
Dietary Exposure Branch
Toxicology Branch, HED

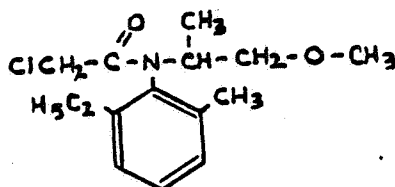
1.0 CHEMICAL:

Common Name: Metolachlor

Chemical Name: [2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl) acetamide]

Trade Name: Dual

Chemical Structure:



2.0 TEST MATERIAL: Not applicable. No studies submitted.

3.0 STUDY/ACTION TYPE:

Request by CIBA-GEIGY for extension until 1 December 1989 for submission of field dissipation studies.

4.0 STUDY IDENTIFICATION:

CIBA-GEIGY letter dated 1 March 1989 requesting an extension of field dissipation studies from 1 May 1989 to 1 December 1989. Received by HED on 5 April 1989.

5.0 REVIEWED BY:

George Tompkins
Entomologist, Review Section 1
EFGWB/EFED

Signature:

Date:

George Tompkins
15 Sept 1989

6.0 APPROVED BY:

Paul Mastradone
Section Chief, Review Section 1
EFGWB/EFED

Signature:

Date:

Paul J. Mastradone
SEP 15 1989

7.0 CONCLUSIONS:

EFGWB concludes that additional time is necessary to complete the Field Dissipation Studies. Since a new metabolite (CGA-50720) was identified late in the project, more time is necessary to synthesize this new metabolite for inclusion in the analytical studies and the older soil metabolism samples have to be reanalyzed for the new metabolite.

8.0 RECOMMENDATIONS:

It is recommended that an extension be granted until 1 December - 1989 for the submission of the Metolachlor Registration Standard requirement for Field Dissipation studies from CIBA-GEIGY.

9.0 BACKGROUND:

The metolachlor FRSTR, field dissipation studies with the typical end use product (EPA Guideline 164-1) are due to EPA on 1 May 1989. However, since a new metabolite was identified late in the studies, an extension is requested until 1 December 1989 to allow for synthesis of this metabolite and development of analytical methods for its detection as well as to reanalyze earlier samples for this new metabolite. This new work will cause the studies to be delayed beyond the 1 May 1989 due date.

10.0 DISCUSSION OF INDIVIDUAL STUDIES:

Not applicable. No studies were submitted.

11.0 COMPLETION OF ONE-LINER:

Not applicable

12.0 CBI APPENDIX:

Not applicable